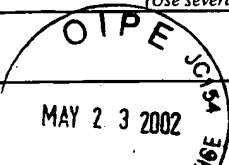


INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Docket Number (Serial)	Application Number
	10014.00	09/767,053
	Applicant(s) Liga et. al.	
	Filing Date January 22, 2001	Group Art Unit 2643

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DS	AA	5532748	7/2/96	Naimpally			
DS	AB	5600368	2/4/97	Matthews,III			
DS	AC	5027400	6/25/91	Baji, et. al.			
DS	AD	5534944	7/9/96	Egawa, et. al.			
DS	AE	5600573	2/4/97	Hendricks, et. al.			
DS	AF	5610661	3/11/97	Bhatt			
DS	AG	5557724	9/17/96	Sampat, et. al.			
DS	AH	5068733	11/26/91	Bennett			
DS	AI	5189630	2/23/93	Barstow, et. al.			
DS	AJ	5231494	7/27/93	Wachob			
DS	AK	5600364	2/4/97	Hendricks, et. al.			

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FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
DS	AL	746198	2/14/95	Japan				
DS	AM	00/16544	3/23/00	WIPO				
	AN	99/39506	8/5/99	WIPO				
	AQ	98/54902	12/3/98	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	Beaudin, S. The Web is Not TV. Copyright 1996.
AQ	EarthWeb and ACTV Unveil HyperTV Breakthrough. March 1996.
EXAMINER	DATE CONSIDERED 10/13/04 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609, Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional)	10014.00	Application Number	09/767,053
	Applicant(s)			
	Liga et. al.			
Filing Date		January 21, 2001	Group Art Unit	
			2643	



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

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FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
✓	CA	99/26415	5/27/99	WIPO				
	CB	98/08340	2/26/98	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	<i>Dominic J. Laroche</i>	DATE CONSIDERED	<i>10/13/04</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609, Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Substitute for form 1449A/PTO U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				ATTY. DOCKET NO.:		APPLICATION NO.:	
				10014.00		09/767,053	
				FIRST NAMED INVENTOR:			
				LIGA et al			
				FILING DATE:		ART UNIT:	
				January 22, 2001		2643	
				EXAMINER NAME:			
Sheet	1	of	1				

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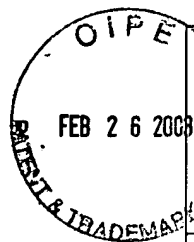
EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)	MM-DD-YYYY		
DS	A	US-5,917,830 A	06-29-1999	CHEN et al.	
DS	B	US-6,029,045 A	02-22-2000	PICCO et al.	
DS	C	US-6,345,122 B1	02-05-2002	YAMATO et al.	
DS	D	US-6,434,747 B1	08-13-2002	KHOO et al.	
DS	E	US-6,434,621 B1	08-13-2002	PEZZILLO et al.	
DS	F	US-5,983,069 A	11-09-1999	CHO et al.	
DS	G	US-5,412,416 A	05-02-1995	NEMIROFSKY	
DS	H	US-5,930,493 A	07-27-1999	OTTESEN et al.	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	MM-DD-YYYY			
EXAMINER SIGNATURE	Dominic Saborelli		DATE CONSIDERED	10/13/04		

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¹ Applicant's unique citation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A/PTO U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				ATTY. DOCKET NO.: 10014.00	APPLICATION NO.: 09/767,053
				FIRST NAMED INVENTOR: LIGA et al.	
				FILING DATE: 22 January 2001	ART UNIT: 2643
Sheet	1	of	1	EXAMINER NAME: Not Yet Assigned	

U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)	MM-DD-YYYY		
DS		US-6,286,140 B1	09-04-2001	IVANYI	
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EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ⁵ - Number ⁴ - Kind Code ² (if known)	MM-DD-YYYY			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ²	(Include name of Author) in CAPITAL LETTERS), Title of article (when appropriate, title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published)	T ³
DS		WEE, Susie J. and VASUDEV, Bhaskaran, "Slicing MPEG Video Streams in the Compressed Domain", IEEE, 1997, pp. 225-230.	
EXAMINER SIGNATURE	Dominic Sabatelli		DATE CONSIDERED 10/13/04

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¹ Applicant's unique citation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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¹ Applicant's unique citation number (optional).

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Form PTO-1449

Docket Number: 559442000123

Application Number: 09/767,053

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

LIGA et al.

Filing Date: January 22, 2001

Group Art Unit: 2643

Mailing Date: April 22, 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
DS	1.	03/01/1994	5,291,486	Koyanagi			08/07/1992
DS	2.	11/15/1994	5,365,346	Abumi			10/30/1992

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
DS	3.	02/01/1996	44 27 046 A1 ✓	GERMANY			X
DS	4.	03/07/1996	44 31 438 A1 ✓	GERMANY			X
DS	5.	06/19/1997	WO 97/22207 ✓	PCT			Abstract X
DS	6.	11/25/1998	EP 0879 536 B1 ✓	EUROPE			X
DS	7.	11/11/1993	WO 93/22877 ✓	WIPO			X
DS	8.	03/27/1992	0 562 221 A1 ✓	EUROPE			X
DS	9.	06/10/1993	WO 93/11617 ✓	WIPO			X
DS	10.	10/26/1988	0 314 572 A2	EUROPE			X

OTHER DOCUMENTS (including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
DS	11.	"Funkschau Fachzeitschrift für elektronische Kommunikation", Volume 6/96 of 3-1-96., pages 70-75. and English Translation of extract from Funkschau Fachzeitschrift für elektronische Kommunikation".
DS	12.	YU P.S. et al. "DESIGN AND ANALYSIS OF LOOK AHEAD SCHEDULING SCHEME TO SUPPORT PAUSE-RESUME FOR VIDEO-ON-DEMAND APPLICATIONS, Multimedia Systems, Volume 3, No. 4, Jan. 1995, pp. 137-149, XP000576898.
DS	13. ✓	WITTIG et al. "INTELLIGENT MEDIA AGENTS IN INTERACTIVE TELEVISION SYSTEMS" Proceedings of the International Conference on Multimedia Computing and Systems, Los Alamitos, CA, US, 15 May 1995, pages 182-189, XP000603484

EXAMINER:

Dominic J. Schaeff

DATE CONSIDERED:

10/13/04

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